

As to the validity of Goldschmidt's concepts, this reviewer does not attempt to pass judgment. It would appear that we are in a period of appraisal and evaluation of the significance of the many important contributions of modern genetics on the broader field of evolution. That many geneticists have been too ready to assume the complete sufficiency of genetics seems obvious. That a final solution will require a synthesis of many fields of evidence, paleontology, taxonomy, anatomy and embryology, as well as cytology and genetics, seem equally self-evident. Goldschmidt brings to bear a very extensive experience in more than one field; his discussion is stimulating and constructive.

R. C. BENEDICT

BROOKLYN COLLEGE AND  
BROOKLYN BOTANIC GARDEN

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## FIELD TRIPS OF THE CLUB

### TRIP OF JUNE 29, 1941, TO QUARRY LAKE

Nineteen members and guests were present on this trip, made possible again<sup>1</sup> through the kindness and courtesy of Mr. and Mrs. Nathan Straus, to whom, as well as to Mr. and Mrs. Ernest Hoelle, the Club is deeply indebted. Mr. Hoelle acted as co-leader and provided transportation. Mrs. Hoelle generously provided cooling drinks and refreshments during the heat of the day in a picnic setting.

Considerable time was devoted to touring the formal gardens, lawns, and borders, with their wealth of cultivated plant material brought in from all portions of the globe. Among the most interesting of the plants studied were *Salpiglossis sinuata*, *Syringa villosa*, *Campanula celtidifolia*, *Hypericum patulum* var. *henryi*, *Paeonia suffruticosa*, two species of *Browallia*, *Sedum acre*, *Negundo aceroides*, *Cobaea scandens*, *Heliopsis scabra* var. *sinniaeflora*, *Lunaria annua*, *Daphne mezereum*, *Centaurea americana*, and numerous species and varieties of *Chaenomeles*, *Lilium*, *Limonium*, and *Philadelphus*.

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<sup>1</sup> For report of our previous trip to Quarry Lake see *Torreyia* 39:178-180.

Growing wild in the quarry was the trumpet honeysuckle (*Lonicera sempervirens*) and by the lake were common mugwort (*Artemisia vulgaris*), long-leaved stitchwort (*Alsine longifolia*), rough cinquefoil (*Potentilla monspeliensis*), and slender vetch (*Vicia tetrasperma*). Considerable comment was elicited by the astounding variation in the size and shape of the leaves and spikes of the large-bracted plantain (*Plantago aristata*), growing in very dry barren soil of open fields and roadsides. Showiest of the wild flowers seen was the rough-fruited cinquefoil (*Potentilla recta*), with its beautiful and perfectly heart-shaped sulphur-yellow petals. Growing as weeds in an old garden were six interesting members of the mustard family—the field cress (*Lepidium campestre*), wild peppergrass (*L. virginicum*), field penny-cress (*Thlaspi arvense*), common hedge-mustard (*Erysimum officinale* var. *leiocarpum*), yellow-rocket (*Campe barbarea*), and wild turnip (*Brassica campestris*). Giant-fruited cultivated hybrid raspberries and blackberries were sampled. In the woods we found the anise-scented goldenrod (*Solidago odora*), cow-wheat (*Melampyrum lineare*), and crosswort (*Lysimachia quadrifolia*) in abundance. A new experience for practically all members of the group was the sight of the flowers of New Zealand spinach (*Tetragonia expansa*).

H. N. MOLDENKE

#### TRIP OF JULY 26-27 TO DOUBLETOP MOUNTAIN

Ten members and friends of the Club met at the Iris cottage, Arkville, New York, on the afternoon of July 25. On Saturday the party drove ten miles along the Dry Brook road past Seager Post Office to the last stopping place and parked the cars. A trail along Dry Brook led to the 2,700-foot level which is about one mile from the top of the mountain.

*Aconitum noveboracense* was found growing along the stream from the 1,800-foot level to the headwaters of Dry Brook. Dry Brook may at times become dry at Arkville, but it is a very active stream at the upper heights, with many beautiful waterfalls and gorges. The aconites extend along both sides of the stream to the branch that arises east of Doubletop Mountain. Aconites have been found on the marshy ground on both the east and west sides of the mountain.

Only one stand of *Polemonium Van-Bruntiae* was found located near a small pond that empties into Dry Brook at the 2,200-foot level. General collections were made by several members.

On Sunday several members of the party drove along the Beaverkill to the Balsam Lake Club.

WM. J. BONISTEEL

#### TRIP TO MT. EVERETT, MASS., SEPTEMBER 6-7, 1941

Beautiful weather and a terrain of rich discovery at a year-time when summer is turning into autumn. The pity is that so many members of the Torrey Botanical Club miss a trip like this. It offers so much at a reasonable cost. Accommodations at the Hunt farmhouse are comfortable and the food Mrs. Hunt prepares for outdoor appetites is simply "epoch making."

Five persons were present. The leader, who has an amateur standing, was especially glad that Miss Rusk was one of us. Dr. Friedman, who is an entomologist, pointed out interesting facts in his field. For instance, we found a beautiful mahogany shelf bracket (*Polyporus lucidum*). Its mycelium had promoted the death of a good-sized hemlock—and the bracket in its turn was being devoured by beetles.

We took special interest in studying the beginnings of the fall foliage. The leaves of the hobblebush (*Viburnum alnifolium*), the wild-sarsaparilla (*Aralia nudicaulis*) and the blueberries (*Vaccinium pennsylvanicum*) attracted our attention for their intermediate conditions of brilliance. They illustrated how the anthocyanin reds begin at the outer edges of the leaves while green is maintained along the veins.

One plant that always attracts interest on this trip to the top of Mt. Everett is the three-toothed cinquefoil (*Potentilla tridentata*).

We noted that the season was more advanced than at the corresponding time a year ago. The blueberries, which we enjoyed eating last year, were all finished and we had to content ourselves with huckleberries.

RUTHERFORD PLATT

## NEWS NOTES

John Burroughs Association Membership Drive: Only those nature lovers who recall the seventies and eighties realize the extent of our indebtedness to John Burroughs. He left us his works, they will always live, but he also left us Slabsides, the little cabin at West Park in which some of his books were written and in which his final years were passed. Aside from the expense of its annual meeting, with the award of the Burroughs Medal, the care of Slabsides is the Association's only major expense. The Association is calling on Burroughs' friends and followers for assistance in preserving our common heritage. Address: The American Museum of Natural History, 77th Street West, New York, N. Y.

The first awards of beach plum prizes by the Arnold Arboretum, Harvard University, were:

The James R. Jewett prize, this year amounting to \$100.00, has been awarded by the Arnold Arboretum of Harvard University to Mrs. Wilfred O. White of Boston and Vineyard Haven, Massachusetts, in appreciation of her outstanding efforts during the past few years in fostering interest in our native beach plum. This prize, of which Mrs. White is the first recipient, is to be awarded annually, at least for the present, to individuals who have made significant contributions to the development of this native plant, or who, through the development of beach plum products may have made contributions of social significance.

The first award of the Vieno T. Johnson prize, amounting to \$50.00, has been made to Mrs. Ina Snow of Truro, Massachusetts. Mrs. Snow has been greatly interested in beach plums over a period of years, has maintained records of her observations concerning their growth and fruiting habits, and has accomplished some experimental field work. She has written various articles regarding her observations and has most generously shared her accumulated information with others interested in the plant and in its products.

These two prizes were provided through the generosity and interest of James R. Jewett of Woods Hole, Massachusetts, professor of Arabic, emeritus, Harvard University, who in 1940 pre-

sented to the Arnold Arboretum a capital sum, the income of which may be used to provide two annual prizes, the objective being to stimulate interest in the development of the beach plum and other native and introduced species, and in the development of their products.

The special committee of award for 1941 consisted of Dr. E. D. Merrill, Dr. Karl Sax, and Dr. Donald Wyman, staff members of the Arnold Arboretum, Harvard University, Prof. Ray Koon, director of the Massachusetts State College Field Station at Waltham, and Mr. Bertram Tomlinson, Barnstable County agricultural agent, Barnstable, Massachusetts.

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We have the following communication from Dr. Pissarev. Perhaps some of our readers can assist him. Sirs and dear colleagues. Would you kindly send me, at the following address, seeds of *Elymus condensatus*, which are necessary for my experiments with cereal breeding." Prof. Victor Pissarev, Institut des Cereales, Njemschinowka, Moscow, U. S. S. R.

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**AWARD: Augustin-Pyramus de Candolle:** A contest has been opened by the Society of Physical and Natural History of Geneva for the best unpublished monograph on a genus or family of plants.

No condition of nationality nor residence is required of the authors. However, members of the Society are not permitted to compete.

Manuscripts can be written in Latin, French, German, English or Italian. They must be sent before Dec. 31, 1943, to: President of the Society of Physical and Natural History, Athénée, Geneva.

The instability of present conditions do not permit the Committee to fix at this time the amount of the award. Former prizes have been about \$200.

This prize cannot be divided. It can be decreased or not awarded, in the case where the submitted works be judged insufficient or not answering to the conditions stated in this notice.

The chosen paper remains the property of its author.

ALFRED LENDNER

Geneva, March 1941.

President of the Society

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